

**METHOD AND SYSTEM FOR SYNCHRONIZATION OF COMMUNICATION BETWEEN
A MOBILE SUBSCRIBER AND A BASE STATION**

Abstract

5 A method and system for synchronizing scan opportunities in a mobile
communications system. Time slots are sent between a mobile subscriber and an
associated base station wherein the mobile subscriber corresponds to a scan group.
The number of time slots sent between the mobile subscriber and the associated
base station is counted. Based upon the count, the scan group of the mobile
10 subscriber, a scan rate, and a scan opportunity divisor, a scan opportunity is
determined. If it is a scan opportunity, a scan is performed of a neighboring base
station.